Research Portfolio Online Reporting Tools (NIH RePORT)

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Questions?
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Abstract

The NIH exemplifies and promotes the highest level of public accountability by providing data and tools through the Research Portfolio Online Reporting Tools website. This website provides access to reports, data, and analyses of the NIH portfolio of research activities, including information on NIH expenditures and the results of NIH supported research. Several tools within the site are useful for analyzing the NIH portfolio, or as contextual information for independent analyses of subsets of the NIH portfolio:

- Awards by Location provides easy access to summaries of research investments to particular organizations or particular geographic regions, such as congressional districts.
- Funding Facts allows exploration of success rates by IC, activity code, and budget mechanism, along with historical information on average award size and sum of total award costs.
- RePORTER allows detailed searches of the funded NIH portfolio across the last 25 years, and links those projects to publications, patents, clinical trials, news releases, and NIH reports.
- Matchmaker allows analysts to fingerprint scientific text and use those fingerprints to find similar awarded research projects.
- ExPORTER provides downloadable bulk data of award data 1970-present, suitable for analyses inside or outside the NIH.
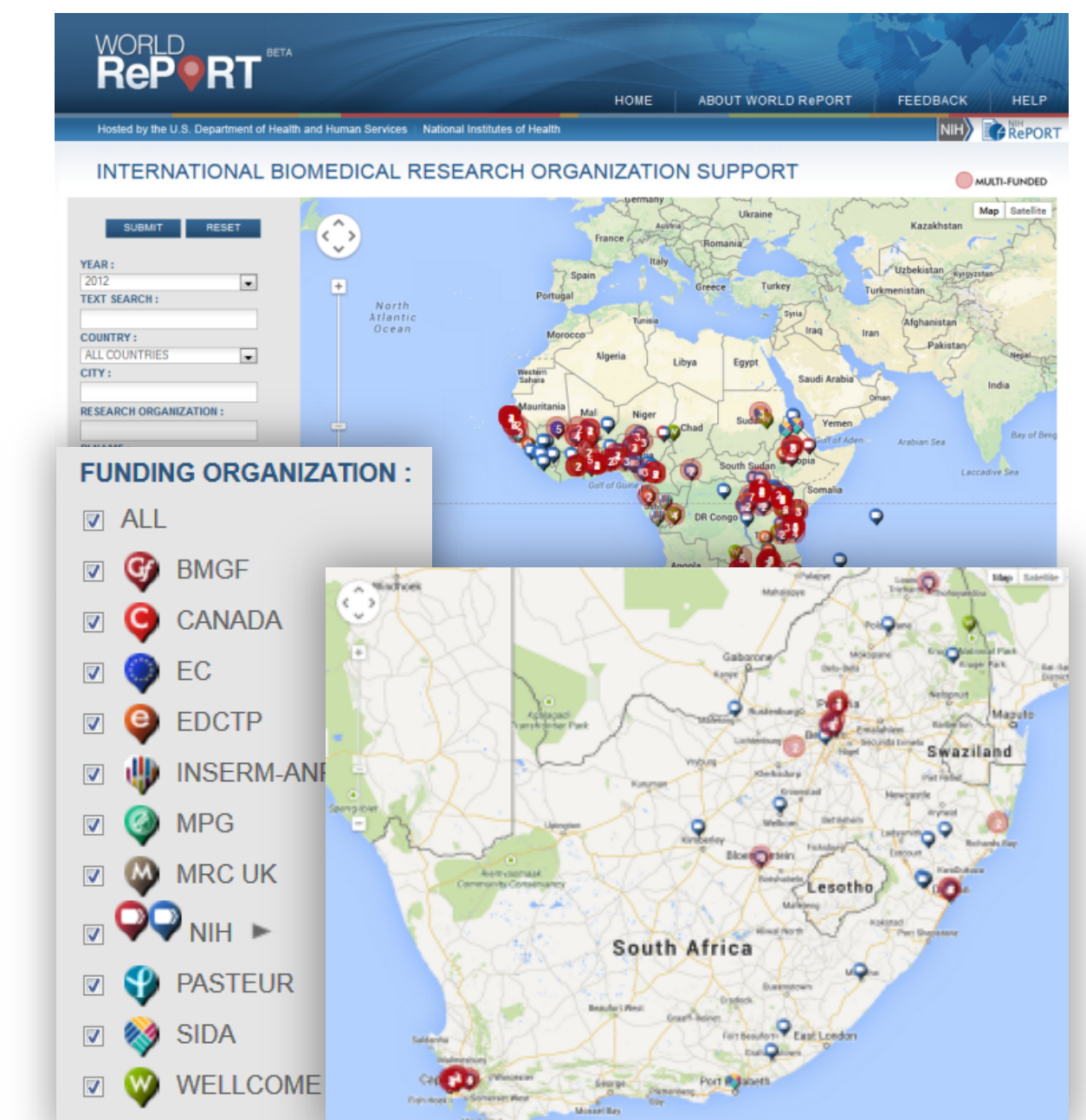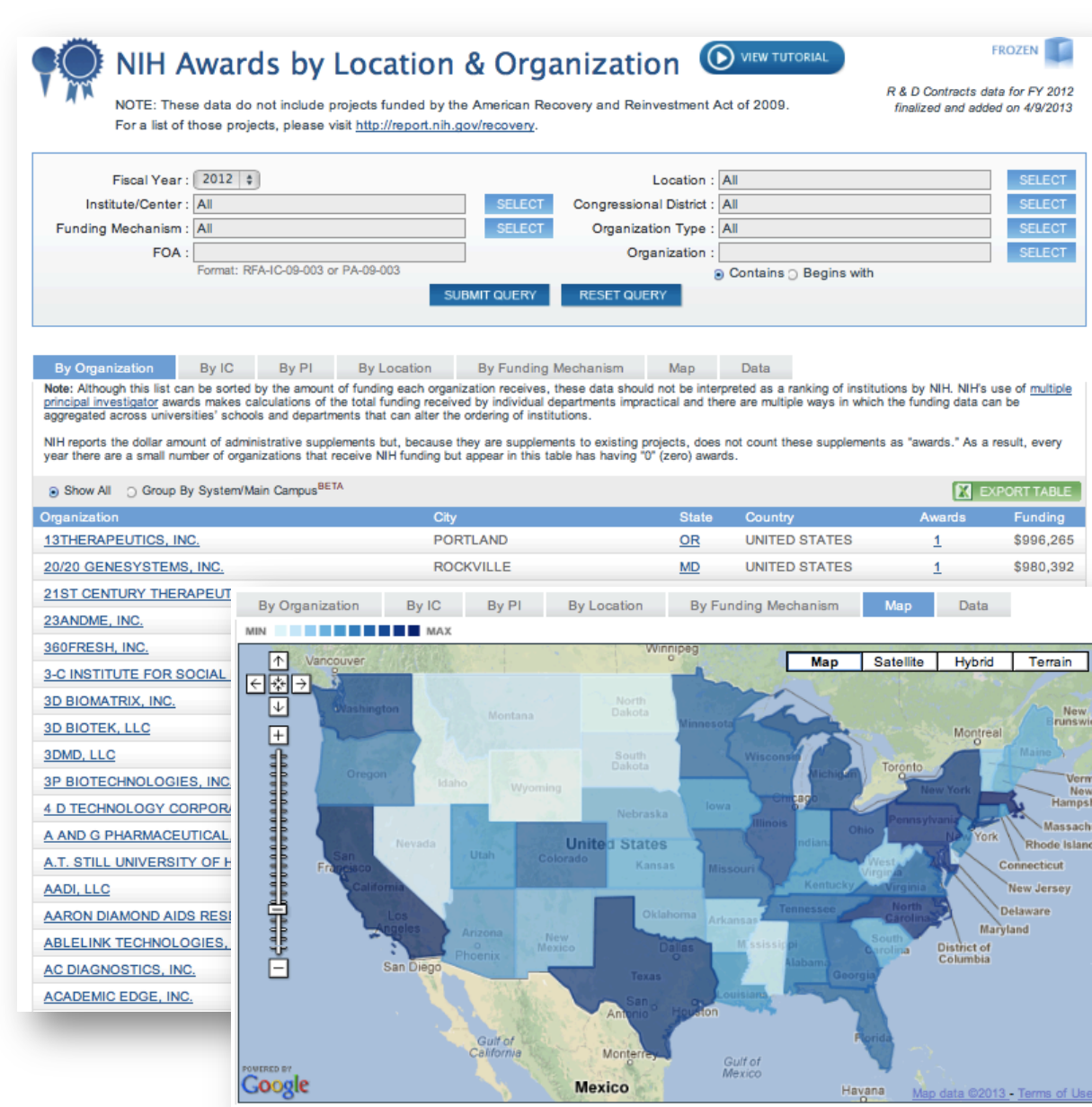
World RePORT

- A cooperative project with 9 world funders of biomedical research
- Currently focused on sub-Saharan Africa, South Asia and East Asia/Pacific regions
- http://WorldRePORT.nih.gov

Awards by Location

- Provides year by year funding to organizations, states, and foreign countries, using NIH frozen data
- Summarized by mechanism Institute/Center, Mechanism, FOA, Organization Type, Organization
- Explore geographical relationships in funding
- Export results and underlying data for further analysis
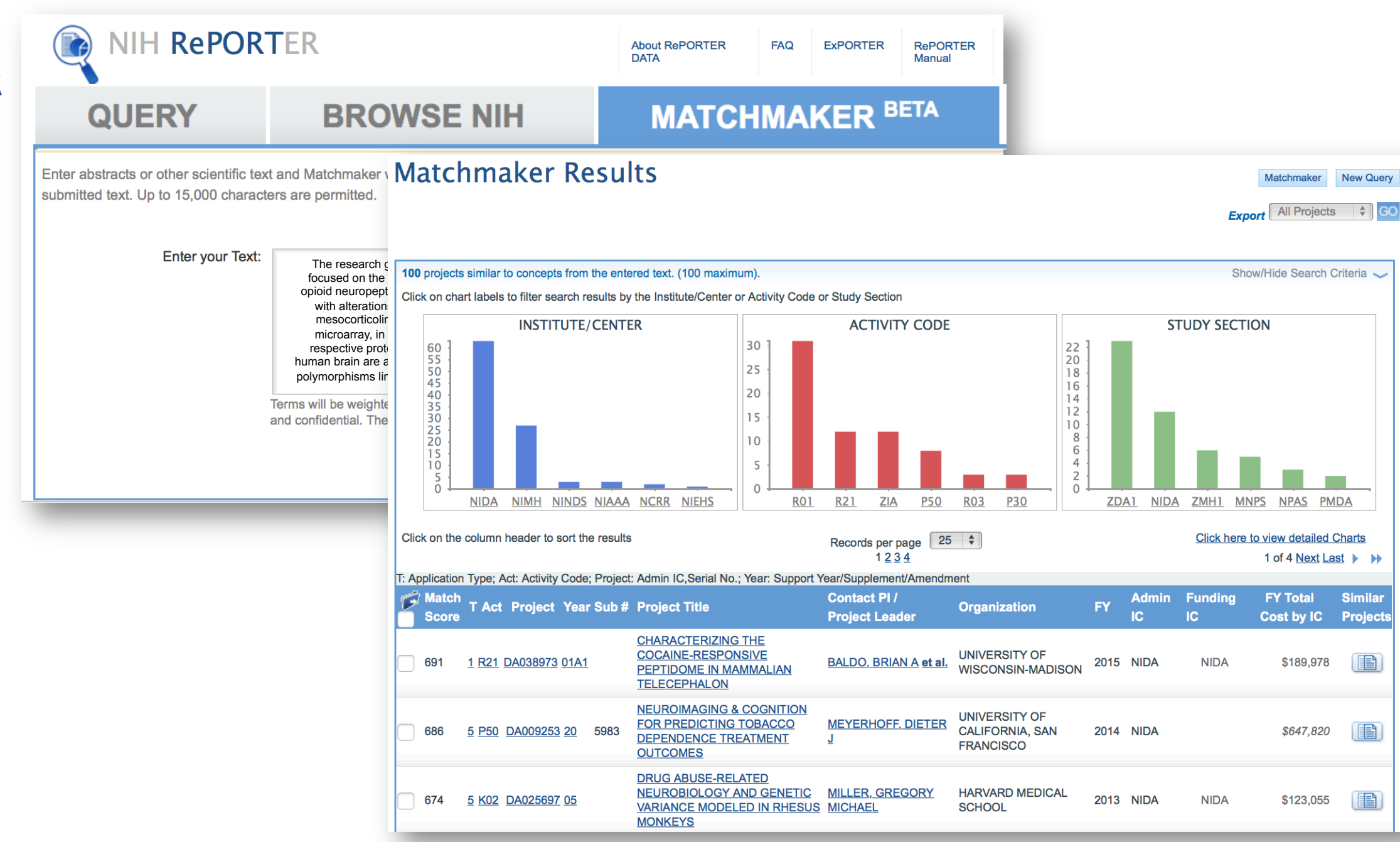
NIH RePORTER

- Search funded research from the NIH, as well as other HHS agencies and Department of Veterans Affairs, updated weekly
- Explore links to results:
  - Patents
  - Publications
  - Clinical Trials
  - News
  - NIH reports
- Tools for visualization and exploration
- http://projectreporter.nih.gov

Matchmaker

- Available from the RePORTER home page
- A tool for finding similar funded projects using bulk scientific text.
- Uses the RCDC text processing tools to analyze submitted text for key terms and concepts
- Displays the top 100 most-similar NIH-funded projects, ranked by match score.
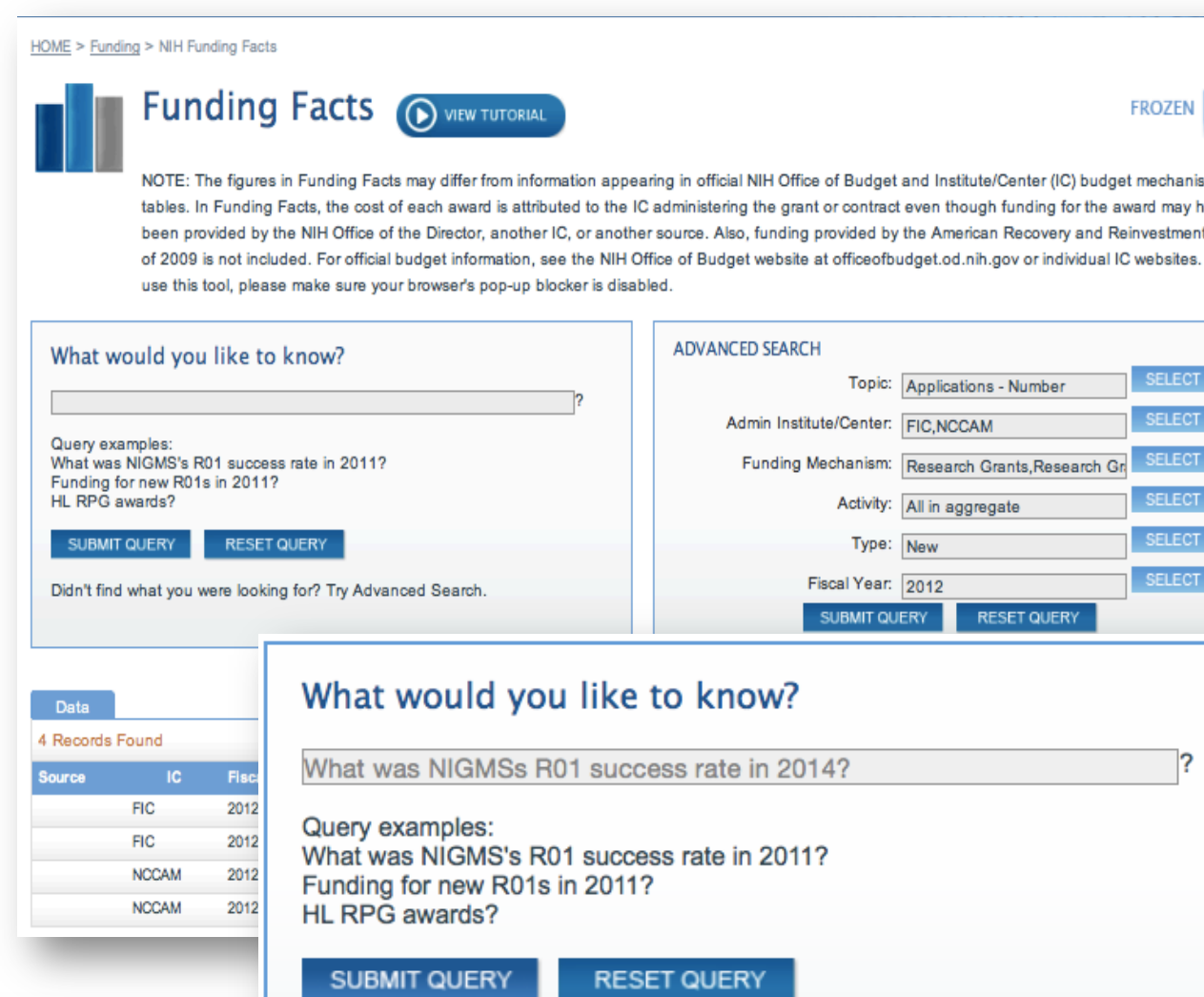- Drill-down by IC, study sections, and activity codes

Federal RePORTER

- RePORTER-style interface to research from HHS, DOD, USDA, EPA, NSF, and more to come
- http://FederalRePORTER.nih.gov

NIH Funding Facts

- Easy access to >300,000 facts on applications, awards, funding, and success rates for the NIH.
- Just type your question!
  - *"How many new R01 applications did NIGMS receive in 2014?"*
- Export data for trend analysis

IC	Fiscal Year	Topic	Mechanism	Activity	Type	Statistic
NIGMS	2014	Success Rate	Research Grants	R01	All Types (in aggregate)	25.66%

ExPORTER

- RePORTER data available for bulk download and re-use
- Project data updated weekly
- Publications data refreshed annually
- Used internally and externally for analyses and enriching other data sources
- http://ExPORTER.nih.gov